

Date: Thu, 14 Jul 94 04:30:29 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #231
To: Ham-Equip

Ham-Equip Digest Thu, 14 Jul 94 Volume 94 : Issue 231

Today's Topics:

Alinco 1200 with 9600 baud?
Alinco 180 scanning mods?
Drake Net (2 msgs)
DSP & Sound Cards
Help Wanted Establishing
Help Wanted Establishing Personal AutoPatch
Marine VHF
Opening up Kenwood battery pack
WANTED: Manual for an RCA model 1000
Why aren't there HT's for HF ? (3 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 13 Jul 1994 06:39:18 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!csusac!
csus.edu!netcom.com!herbr@network.ucsd.edu
Subject: Alinco 1200 with 9600 baud?
To: ham-equip@ucsd.edu

--
herbr@netcom.com

Date: 13 Jul 1994 08:39:17 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu

Subject: Alinco 180 scanning mods?
To: ham-equip@ucsd.edu

Is there any way to make an Alinco DJ180T stay on a busy channel instead of automatically resuming scanning after 5 seconds? Also, is there any way to lock out channels? (It seems that if you upgraded to 200 memories, scanning without lockout would be rather difficult)

Thanks in advance for any light you might be able to shed.

```
-----  
| James Scudder      "What's a HAM anyway?" |  
| WB0RPS             |  
| ae85%nemomus.bitnet@academic.nemostate.edu |  
|-----|
```

Date: Wed, 13 Jul 1994 13:46:52 GMT
From: netcomsv!netcom.com!greg@decwrl.dec.com
Subject: Drake Net
To: ham-equip@ucsd.edu

I recall recent mention of an East Coast Drake user group which meets on 75m on Saturday. Unfortunately, the time and frequency slipped off the spool before I grabbed it.

Can whoever knows post or email when it is?

Thanks

Greg

Date: 13 Jul 1994 18:28:17 GMT
From: ihnp4.ucsd.edu!usc!sdd.hp.com!col.hp.com!fc.hp.com!news.lvld.hp.com!
scott@network.ucsd.edu
Subject: Drake Net
To: ham-equip@ucsd.edu

Greg Bullough (greg@netcom.com) wrote:
: I recall recent mention of an East Coast Drake user group which meets
: on 75m on Saturday. Unfortunately, the time and frequency slipped
: off the spool before I grabbed it.

: Can whoever knows post or email when it is?

Posting, since others may be interested.

According to information someone sent some time ago it is:

3.865 Saturday @ 8:00PM Eastern

Note that I've not been able to verify this from Colorado this summer. Hopefully I'll be able to participate this fall when the QRN settles down a bit.

BTW, anybody interested in setting up a similar net in this part of the world? Surely there are other plains/inter-mountain Drake enthusiasts out there!

: Thanks

Welcome. Always happy to hear from other Drake users.

Scott Turner KG0MR scott@hplisla.LVLD.HP.COM

Date: Wed, 13 Jul 1994 13:14:25 GMT
From: psinntp!kgw2!news@uunet.uu.net
Subject: DSP & Sound Cards
To: ham-equip@ucsd.edu

In article <42831.pasek001@maroon.tc.umn.edu>, "George T. Pasek Jr."
<pasek001@maroon.tc.umn.edu> says:

>

>With all the current interest in DSP, has anyone thought about using one
of

>the 16 bit soundcards?

Contact Charley Snodgrass (charley468@aol.com). I ran into him at the Dayton Hamvention where he had a table set up in the flea market. He has come up with a DSP development system (dsp compiler software) to use with Analog Devices based PC sound cards (like the Cardinal and Orchid). You can mail him at:

Charley Snodgrass
P.O. Box 10393
Cedar Rapids, IA 52406
319-393-9394

Don't know if he has any neat filters or demodulators coded up yet, he is selling the DSP compiler, editor, debugger (much like the borland IDE Integrated Development Environment) for about \$80.

Date: Tue, 12 Jul 1994 16:04:00 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu
Subject: Help Wanted Establishing
To: ham-equip@ucsd.edu

On 07-11-94 RICHARD KAPLAN wrote to ALL...

RK> Subject: Help Wanted Establishing Personal AutoPatch
RK> Date: Mon, 11 Jul 1994 03:51:09 GMT
RK>
RK> I am a ham operator (Technician license since 1990), a private
RK> pilot, and a physician. I am on-call one week out of each month
RK> and as a rule will not pilot an aircraft when I am on call
RK> because I cannot return my pages while airborne due to restrictions
RK> on cellular phone use. So I wonder:
RK>
RK> 1. What would it cost, roughly, for me to set up my own
RK> personal ham-band autopatch to make phone calls from the air
RK> in the local vicinity where I live?

Surely you jest. Conducting business (weather on an Autopatch or not) is illegal on Amateur radio. The test is: Do either you or your employer benefit.

RK> 2. Are there any ways to economically encode/decode my transmissions
RK> so as to not violate patient privacy?

Get yourself a copy of part 97, the FCC rules governing the Amateur Radio Service. Codes and ciphers are specifically excluded. See 97.113(d). ALL communication MUST be in plain language. (CW is considered to be plain language, not a code).

RK> 3. Does anyone know of any economical non-ham solutions to
RK> this dilemma of placing a phone call from an airborne private
RK> aircraft?

RK> Richard Kaplan

It is really difficult for me to understand how ANY ham (that passed the necessary tests required to become an Amateur) could think what you want to do is allowed. This is a joke, isn't it?

K5JCM

* OFFLINE 1.56 * Press ESC twice for BBS - ALT-H for intelligence test.

.....

Date: 13 Jul 1994 02:43:31 -0400
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
sundog.tiac.net!news3.sprintlink.net!news.sprintlink.net!deathstar.cris.com!
deathstar.cris.com!not-for-mail@network.ucsd.edu
Subject: Help Wanted Establishing Personal AutoPatch
To: ham-equip@ucsd.edu

In article <2vqlrt\$63l@kelly.teleport.com>, tigger@teleport.com wrote:

>I don't know how possible it is to have a cellular (sp?) phone in an
>airplane. I guess the best way to find out would be to call the phone
>company. And as long as there are no FCC or FAA rules against it (I
>don't think there are any), you could install a cell antenna on the
>bottom of your plane and use that as a phone when you are on call.

It is against the rules to operate a cellular phone in an aircraft in
flight... This is an FCC rule, not an FAA rule... As a charter pilot, I
have to inform my passengers that the use of their cellular phone in the
aircraft is prohibited...

And why is this... Because from altitude, a 1/2 watt cellular phone can
lock up hundreds of cells for miles around, instead of just the one or two
that it can see from the ground... It has been estimated that 700 or so
airborne cellular phones strategically placed around the country can lock
up the whole cellular system nationwide...

Marv...

+++ Marv Uphaus -- Muphaus@cris.com -- CompuServe: 72122,1253 ---
+++ U.S. Mail: 4031 Airport Blvd. #49 -- Mobile, AL 36608 USA ---
+++ Packet Radio: K4BVG @W4IAX.#MOBAL.AL.USA.NA Ph: 205 343-9256 ---

Date: Tue, 12 Jul 1994 20:01:02
From: nwnexus!olympus.net!olympus.net!vaughnwt@uunet.uu.net
Subject: Marine VHF
To: ham-equip@ucsd.edu

>Many thanks to everyone posting & emailing all this good info!!!

>Due to type-accepted restrictions & permits required...think I'll unplug
>the solder iron for modifying my HT on transmit..but now I can monitor the
>bands, see if its worth the expense or getting a marine rig!

>73, Tom Baltz KC5HEG trb@cray.com

Tom, buddy. I service the coast guard electronics in the pacific northwest for a private contractor. Take my advice please. If you go out on the water get yourself a vhf radio. A lot more people dissapear on the water than you ever hear about. Sorry to get heavy but watching people cry and the anguish involved all for the want of some sort of reliable communication. It gets to you.

William Vaughn vaughnwt@olympus.net "Just plain Bill."

Date: 12 Jul 1994 20:03:51 GMT
From: olivea!charnel.ecst.csuchico.edu!csusac.ecs.csus.edu!holtzman@uunet.uu.net
Subject: Opening up Kenwood battery pack
To: ham-equip@ucsd.edu

Michael White (mwhite@mitre.org) wrote:

> J.D. Cronin wrote:

> > I'd like to replace the NiCad cells in the battery pack...
> >There are no screws visible...It looks like the entire thing was glued.

> Either glued or sonic welded, which amounts to the same thing. The only way
> I've found is to cut the case apart using a very sharp hobby knife. Be
> very, very careful, as you have to exert a lot of force, and one slip could
> cost you a finger. The case can be reassembled with glue pretty well, but
> it will never be perfect. Good luck.

> Mike, N4PDY

I have been able to open some battery packs by breaking them open. The advantage is that there is no kerf, that is, gap caused by the cutting instrument. I have found the best way to break the case is to put it into the vise and apply pressure in the right spots. It usually breaks, or cracks along the glue seams. You may have to do some additional prying with a screwdriver to completely open the case. Some battery packs use very strange cells that I have not been able to locate.

Hope this helps.

James Holtzman kc6ncg (holtzman@shazam.ecs.csus.edu)

Date: Wed, 13 Jul 1994 13:31:47 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!lll-winken.llnl.gov!fnnews.fnal.gov!
gw1!cbnews!nk30@network.ucsd.edu
Subject: WANTED: Manual for an RCA model 1000
To: ham-equip@ucsd.edu

Looking for a manual for a RCA 1000 radio. Needed are the schematics
and any tuning or troubleshooting information. Photo copying and shipping
cost will be reimbursed.

Jeff Zell
NK30

Date: 13 Jul 1994 10:58:41 -0000
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!nntp.cs.ubc.ca!torn!uunet.ca!uunet.ca!ionews.io.org!
nobody@network.ucsd.edu
Subject: Why aren't there HT's for HF ?
To: ham-equip@ucsd.edu

Do any companies manufacture hand held HF transceivers?

If not, why not?

Mike

--

=====
Mike Stramba Email: mike@io.org
Toronto, Canada Internex Online - Toronto, Canada (416) 363-3783
=====

Date: 13 Jul 1994 13:48:26 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
prairienet.org!dhughes@network.ucsd.edu
Subject: Why aren't there HT's for HF ?
To: ham-equip@ucsd.edu

>Do any companies manufacture hand held HF transceivers?

>

>If not, why not?

Perhaps a viable transmitting antenna for HF would be ridiculously long

and impractical in a handheld?

--

Date: 13 Jul 1994 10:20:05 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Why aren't there HT's for HF ?
To: ham-equip@ucsd.edu

In article <300hd1\$nm1@ionews.io.org>, mike@io.org (Mike Stramba) writes:

>Do any companies manufacture hand held HF transceivers?

At least two Japanese companies make some. Tokyo HyPower Labs makes a 40/15/6m tribander for SSB/CW. And jcomm makes single-band HF SSB/CW transceivers. The biggest problem with such devices isn't their low power, but the efficiency of any kind of antenna you can comfortably use as an HT. Connected to a dipole or other "real" antenna, these units work as great QRP rigs. In fact the jcomm gizmos have quite a cult following.

Danny Goodman AE9F/6 (not an owner of any of the above)

Date: 13 Jul 1994 13:50:53 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!prairienet.org!
dhughes@network.ucsd.edu
To: ham-equip@ucsd.edu

References <1994Jul13.012450.24965@ul1b.isc.rit.edu>,
<1994Jul12.000530.18018@ul1b.isc.rit.edu>, <Csu66z.5o4@nn1pa.cb.att.com>p
Reply-To : dhughes@prairienet.org (Dan Hughes)
Subject : Re: Opening up Kenwood battery pack

>I'll try the cold/break glue method, then go for more destructive
>techniques.

Please post your results, Jim, because I'm eager to try to get into mine
too. Thanks! ---Dan

--

Date: Wed, 13 Jul 1994 17:30:06 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac!csus.edu!netcom.com!

greg@network.ucsd.edu
To: ham-equip@ucsd.edu

References <trib-070794114646@bexar.cray.com>, <trib-120794104949@bexar.cray.com>,
<vaughnwt.23.00140506@olympus.net>.com
Subject : Re: Marine VHF

In article <vaughnwt.23.00140506@olympus.net> vaughnwt@olympus.net (William Vaughn) writes:

>
>>Many thanks to everyone posting & emailing all this good info!!!
>
>>Due to type-accepted restrictions & permits required...think I'll unplug
>>the solder iron for modifying my HT on transmit..but now I can monitor the
>>bands, see if its worth the expense or getting a marine rig!

It's worth it. They're pretty cheap, anyway. But do the mods in the mean-time.

Because as a skipper and as a ham, you're doubly legally protected if what you need to do is call 'Mayday, Mayday, Mayday' and all you have is a non type-accepted rig. And if you're life were really in danger, you could always pitch the radio in the drink when help arrived, and not feel the loss too acutely, if still worried about what the CG might say.

On the other hand, in a normal boarding/inspection your ham radio handheld, once shown to be a ham radio rig and not under USCG jurisdiction, is a lot less interesting than are your flares, PFDs, and toilet.

The Coasties have been conducting a crack-down on unlicensed marine VHF. A ham rig is about the only way I can think of to have last-ditch marine VHF frequency coverage without the expense of paying an exorbitant 'user fee' to license a transmitter that you never intend to use. And yes, the Coasties will cite you if they find a turned-off marine VHF with no evidence of transmitting, and no license. It probably violates every rule of probable cause, due process, and evidence, but hey, it then becomes your problem to go through the process of having it thrown out of Federal court. And getting the Coast Guard to make amends is like getting any other branch of the military to do so.

>Tom, buddy. I service the coast guard electronics in the pacific northwest for
>a private contractor. Take my advice please. If you go out on the water get
>yourself a vhf radio. A lot more people dissapear on the water than you ever
>hear about. Sorry to get heavy but watching people cry and the anguish
>involved all for the want of some sort of reliable communication. It gets to
>you.

Bill's right. The water gets mighty big and lonesome when the mast comes

down and the rigging wraps around the prop shaft, and that sharp rock
is looming ever closer...

Greg

End of Ham-Equip Digest V94 #231
